

# Power Cost Memorandum Fuel Cost Update

Date: **May 19, 2022**

Utility Name (Cert. No.) <b>City of Port Heiden (399)</b>	Utility File No. <b>PC53-1017H</b>	Date Filed: <b>April 22, 2022</b>
--	---------------------------------------	--------------------------------------

PCE AMOUNT SUMMARY	Previously Approved PC53-1017G	Staff Recommended Amount(s) and Effective Date PC53-1017H
Class Rate	<u>Date Approved:</u> July 1, 2021	May 20, 2022
All	\$0.3513	\$0.3579
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <span style="margin-left: 200px;"><input type="checkbox"/> Interim    <input checked="" type="checkbox"/> Permanent</span>		

Prior Fuel Purchase Price: <u>\$ 3.0330</u>	New Fuel Purchase Price: <b>\$ 3.1008</b>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change:    Previous _____    Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	3,500	X	3.0330	=	10,615.50
Delivered	72,473	X	3.1041	=	224,963.44
	<u>75,973</u>				<u>\$ 235,578.94</u>
					Weighted Average \$ 3.1008

Signed: *Brenda Cox*                      Utility Financial Analyst  
Brenda Cox

**Commission decision re. this recommendation :**

	Date (if different from 5/19/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KM</i>		
Scott		<i>AGS</i> <small>AGS</small>		
Sullivan		<i>AS</i> <small>AS</small>		
Wilson		<i>JWW</i> <small>JWW</small>		

*Special Instructions to Staff:*

\* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# Port Heiden, City of

APPENDIX 1

POWER COST EQUALIZATION CALCULATION  
FOR TEST PERIOD ENDING JUNE 30, 2017

## Fuel Cost Update

	PC53-1017G	PC53-1017H	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	616,800	616,800	616,800
B. Total kWh Sold	531,130	531,130	531,130
C. Total Non-Fuel Costs (Appendix 2)	140,056	140,056	140,056
D. Non-Fuel Cost/kWh (C / B)	\$0.2637	\$0.2637	\$0.2637
E. Total Fuel Costs (Appendix 2)	162,745	166,383	166,383
F. Fuel Costs/kWh (E / B)	\$0.3064	\$0.3133	\$0.3133
G. Eligible Costs/kWh (D + F)	\$0.5701	\$0.5770	\$0.5770
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.3698	\$0.3767	\$0.3767
I. Lesser of (H) or 79.97 cents/kWh	\$0.3698	\$0.3767	\$0.3767
J. Average Class Rates (Appendix 3)			
All	\$0.4557	\$0.4497	\$0.4497
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
All	\$0.3513	\$0.3579	\$0.3579
Funding Level in Effect	100%	100%	100%
L. All	\$0.3513	\$0.3579	\$0.3579

PC53-1017H  
Appendix 1

# Port Heiden, City of

APPENDIX 2

## SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY FOR TEST PERIOD ENDING JUNE 30, 2017

### Fuel Cost Update

			PC53-1017G	PC53-1017H	
			Prior Commission Approval	Per Utility	Per Staff
<b>Non-Fuel Costs:</b>					
A.	Personnel Costs		73,746	73,746	73,746
B.	Operating Expenses		25,097	25,097	25,097
C.	General & Administrative		23,315	23,315	23,315
D.	Depreciation		13,946	13,946	13,946
E.	Interest Expense		3,952	3,952	3,952
F.	Other		-	-	-
<b>G. Total Non-Fuel Costs</b>			<b>140,056</b>	<b>140,056</b>	<b>140,056</b>
<b>Fuel Costs:</b>					
H.	Gallons Consumed for Electric Generation		53,658	53,658	53,658
I.	Price of Fuel:(per gal) Weighted Average		\$3.0330	\$3.1008	\$3.1008
<b>J. Total Fuel Costs</b>			<b>\$162,745</b>	<b>\$166,383</b>	<b>\$166,383</b>
K.	kWh Sales		531,130	531,130	531,130
L.	kWh Station Service		34,949	34,949	34,949
M.	Efficiency	$\geq$	<u>Standard</u> 11.5	11.50	11.50
kWh Generated/Gallons Consumed					
N.	Line Loss	$\leq$	12%	8.22%	8.22%
(kWh Generated -(kWh Sold + Station Service)/kWh Generated					

	Gallons		Price				
On-hand before deliv.	3,500	X	\$3.0330	=	10,616		
Delivered	72,473	X	\$3.1041	=	224,963		
	<u>75,973</u>				<u>\$235,579</u>	Weighted Average	
						\$	3.1008

PC53-1017H  
Appendix 2

# PORT HEIDEN, CITY OF

## Calculation of Average Class Rate per kWh

Rate Schedule: ALL

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 /kWh
500	0.6500	0.0000	0.6500	325.00	0.6500	0.4497
500				325.00	0.6500	0.4497
TOTAL (A)						(E)

## Computation of Community Facilities Average Rate

Rate Schedule: ALL

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - \$0.2003 /kWh
0 to ∞	0.6500	0.0000	0.6500	0.4497
Next to				
Next to				
Next to				
Next to				

## Non-Regulated PCE Fuel and Purchased Power Cost Report Form

Utility Name: City of Port Heiden


Enter Fuel Storage Capacity in Gallons here ----> 160,000

	Invoice Number	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory			3,500			
Last Approved Fuel Cost/Gal.				\$ 3.0330		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost ---->						\$ 10,616
Reporting Period Purchases	53841	05/07/21	37,393	2.6805		100,232
	59629	09/02/21	10,072	3.4944		35,196
	66415	11/16/21	25,008	3.5802		89,534
Totals for Reporting Period Purchases on this sheet:			72,473			224,962
Totals from Continuation Sheet			-			-
Grand Totals (beginning inventory plus purchases)			75,973			\$ 235,578

Grand Total Cost divided by Grand Total Gallons = 3.1008 Weighted Avg. Cost per gallon  
 Total Purchase Cost divided by Total Purchase Gallons = 3.1041 Weighted Avg. Cost per gallon

Signature: Robert M. Pickett  
 Email: bob.pickett@alaska.gov

Signature: Keith Kurber II  
Keith Kurber II (May 19, 2022 08:03 AKDT)  
 Email: keith.kurber@alaska.gov

Signature:   
 Email: antony.scott@alaska.gov

Signature: Daniel Sullivan  
Daniel Sullivan (May 19, 2022 10:54 AKDT)  
 Email: daniel.sullivan@alaska.gov

Signature: Janis W. Wilson  
Janis W. Wilson (May 19, 2022 11:51 AKDT)  
 Email: janis.wilson@alaska.gov